

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US03/39107

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A01H 1/00, 5/00; C12N 15/11, 15/82, 15/87; C07H 21/04  
US CL : 800/287, 288, 298, 320.2; 536/23.1, 23.4;

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 800/287, 288, 298, 320.2; 536/23.1, 23.4;

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
WEST, STN

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GUERNEVE et. al. Interaction of the wheat endosperm lipid-binding protein puroindoline-a with phospholipids. Archives of Biochemistry and Biophysics. 15 December 1998, Vol. 360, No. 2, pages 179-186, see entire document.	1-13
Y	US 6,344,600 B1 (MEROT et. al.) 05 February 2002 (05.02.2002), abstract.	1-13
Y	US 5,767,363 A (DE SILVA et. al.) 16 June 1998 (16.06.1998), abstract and claims 1-13.	1-13
Y	US 6,303,341 B1 (HIATT et. al.) 16 October 2001 (16.10.2001), abstract and claims 1-53.	1-13
Y	US 6,569,831 B1 (LEGRAND et. al.) 27 May 2003 (27.05.2003), abstract.	1-13
Y	US 6,417,429 B1 (HEIN et. al.) 9 July 2002 (09.06.2002), abstract and claims 1-69.	1-13

Further documents are listed in the continuation of Box C.

See patent family annex.

*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance		
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search  
22 March 2004 (22.03.2004)

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**18 JUN 2004**

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